

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0003			3. EFFECTIVE DATE June 23, 2003	4. REQUISITION/PURCHASE REQ. NO. SC0600-03-0005/0006/0007	5. PROJECT NO. (if applicable)
6. ISSUED BY ATTN JANET CRUMP DESC BZC RM 2954 DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J KINGMAN ROAD SUITE 4950 FORT BELVOIR VA 22060-6222 PHONE: (703) 767-9252/FAX: (703) 767-9269		CODE SP0600	7. ADMINISTERED BY (if other than item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (NO. street/city/country/State and ZIP Code)			(a)	9A. AMENDMENT OF SOLICITATION NO. SP0600-03-R-0161	
			X	9B. DATED (SEE ITEM 11) MARCH 31, 2003	
				10A. MODIFICATION OF CONTRACT ORDER NO.	
				10B. DATED (SEE ITEM 12)	
CODE	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<p>[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended [X] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (if required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(h)					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor [] or not, [] is required to sign this document and return <u> </u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
THIS AMENDMENT IS AVAILABLE ON DESC'S WEBSITE AT http://www.desc.dla.mil OR http://www.fedbizopps.gov					
Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			CLAUDIA W. STITES		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		15C. DATE SIGNED	
<i>Signature of person authorized to sign</i>		<i>Signature of Contracting Officer</i>			

1. The INDEX OF CLAUSES is revised as follows:

a. Page 2:

(1) Clause C16.09 TURBINE FUEL, AVIATION (JET A/A1/A50) (DESC AUG 2001) is deleted from the index and the solicitation.

(2) Clause E22 INSPECTION OFFICES FOR OVERSEAS PETROLEUM PRODUCT CONTRACTS (DESC JAN 2003) is added to the index and the solicitation.

b. Page 4: Clause G96 ADMINISTRATION OF THE SMALL BUSINESS SUBCONTRACTING PROGRAM (DESC FEB 2002) - Change "(DESC FEB 2002)" to "(DESC APR 2003)."

2. Clause B14.03 SUPPLIES TO BE OFFERED (DOMESTIC BULK) is revised as follows:

a. Page 9: Delete Note 10.

b. Page 10:

(1) JPB Requirement Totals are as follows:

TOTAL QUANTITY (USG)	SET-ASIDE QUANTITY (USG)	8(A) RESERVATION QUANTITY (USG)	NON SET-ASIDE QUANTITY (USG)
815,100,000	355,117,500	7,305,000	452,677,500

THE TOTAL ESTIMATED JPB QUANTITY TO BE PURCHASED IS	--	815,100,000
ROCKY MOUNTAIN		60,450,000
WEST COAST		599,500,000
OFF SHORE		154,350,000
CLOSED PORT		800,000

(2) Item 0001, HILL AFB: The quantity is decreased by 400,000 gallons to 27,550,000 gallons.

(3) Item 0003, ANG SALT LAKE MAP: The quantity is decreased by 400,000 gallons to 4,100,000 gallons. The SA quantity is decreased by 240,000 gallons to 2,460,000 gallons.

c. Page 11: Item 0007, MOUNTAIN HOME AFB: The quantity is decreased by 5,000,000 gallons to 25,000,000 gallons. The SA quantity is decreased by 2,500,000 gallons to 12,500,000 gallons.

d. Page 12:

(1) Item 0106, DAVIS MONTHAN AFB: The quantity is decreased by 3,000,000 gallons to 53,750,000 gallons. Change the Receipt% for truck from 13% to 12.3%.

(2) Item 0107, DAVIS MONTHAN AFB: The quantity is decreased by 3,000,000 gallons to 30,000,000 gallons. The SA quantity is decreased by 2,700,000 gallons to 27,000,000 gallons. Change the Receipt% for truck from 20% to 22%.

e. Page 13:

(1) Item 0113, DFSP SAN PEDRO: The quantity is decreased by 2,050,000 gallons to 62,600,000 gallons.

(2) Item 0114, MCAS YUMA: The quantity is decreased by 1,000,000 gallons to 17,000,000 gallons.

f. Page 14:

(1) Item 0118, BAE SYSTEMS (AF KC135): The quantity is decreased by 200,000 gallons to 0 gallons.

(2) Item 0119, BAE SYSTEMS (AF QF4 PROG): The quantity is decreased by 150,000 gallons to 0 gallons.

(3) Item 0120, BAE SYSTEMS (NAVY): The quantity is decreased by 1,000,000 gallons to 0 gallons.

g. Page 15:

(1) Item 0124, MCB 29 PALMS: The quantity is decreased by 500,000 gallons to 1,000,000 gallons.

(2) Item 0125, MCB CAMP PENDLETON: The quantity is decreased by 200,000 gallons to 300,000 gallons.

(3) Item 0127, NAVAL BASE VENTURA: The quantity is increased by 1,000,000 gallons to 8,000,000 gallons. The SA quantity is increased by 900,000 gallons to 7,200,000 gallons.

h. Page 16:

(1) Item 0131, DFSP WATSON: The quantity is decreased by 5,000,000 gallons to 111,000,000 gallons.

(2) Item 0134, NELLIS AFB: The quantity is decreased by 5,000,000 gallons to 70,000,000 gallons. The SA quantity is decreased by 1,100,000 gallons to 15,400,000 gallons.

(3) Item 0135, DFSP SELBY: The quantity is decreased by 10,605,000 gallons to 99,075,000 gallons.

(4) Item 0136, ARNG CAMP ROBERTS: The quantity is decreased by 400,000 gallons to 100,000 gallons.

i. Page 17:

(1) Item 0137, BEALE AFB: The quantity is decreased by 1,000,000 to 7,000,000 gallons.

(2) Item 0138, CAMP ROBERTS MATES: The quantity is decreased by 5,000 gallons to 25,000 gallons

(3) Item 0139, CAMP SAN LUIS OBISPO: The quantity is increased by 250,000 gallons to 500,000 gallons.

(4) Item 0140, CGAS SAN FRANCISCO: The quantity is increased by 50,000 gallons to 200,000 gallons.

(5) Item 0142, FAA SACRAMENTO: The quantity is increased by 50,000 gallons to 150,000 gallons.

(6) Item 0143, PRESNO ANG: The quantity is increased by 500,000 gallons to 3,500,000 gallons.

j. Page 18:

(1) Item 0146, SACRAMENTO AASF (MATHER F): The quantity is decreased by 50,000 gallons to 100,000 gallons.

(2) Item 0147, TRAVIS AFB: The quantity is decreased by 10,000,000 gallons to 85,000,000 gallons.

k. Page 19:

(1) Item 0153, DFSP PUGET SOUND: The quantity is decreased by 100,000 to 69,800,000 gallons.

(2) Item 0157, YAKIMA FIRING CTR: The quantity is decreased by 100,000 gallons to 800,000 gallons. The 8A quantity is decreased by 90,000 gallons to 720,000 gallons.

(3) Item 0158, DFSP PORTLAND OR: The quantity is increased by 50,000 gallons to 51,625,000 gallons.

l. Page 20: Item 0165, CGAS ASTORIA - The quantity is increased by 50,000 gallons to 350,000 gallons. The 8A quantity is increased by 45,000 gallons to 315,000 gallons.

m. Page 22: Item 0206, DFSP ANCHORAGE - The quantity is increased by 200,000 gallons to 55,100,000 gallons.

n. Page 23: The following Offshore JPS item/location is added under the JPS West Coast Escalator:

<u>LINE ITEM</u>	<u>DODAAC</u>	<u>SPLC</u>	<u>LOCATION</u>	<u>CITY</u>	<u>STATE</u>
0207A	WCLPN5	810155251	FT RICHARDSON		AK
QUANTITY 200,000	8A QUANTITY 0		SA QUANTITY 0		
** END USER CAN BE SUPPLIED THROUGH TERMINAL DFSP ANCHORAGE THE ACTUAL THROUGHPUT TERMINAL IS ELMENDORF AFB.					
<u>MODE</u>	<u>RECEIPT%</u>	<u>FSII</u>	<u>SDA</u>	<u>CI</u>	
TRUCK		REQUIRED	REQUIRED	REQUIRED	

o. Page 24: Item 0301, GALENA APT - The quantity is decreased by 200,000 gallons to 800,000 gallons. The 8A quantity is decreased by 180,000 gallons to 720,000 gallons.

p. Page 25:

(1) JP4 Requirement Totals are as follows:

<u>TOTAL</u> <u>QUANTITY (USG)</u>	<u>SET-ASIDE</u> <u>QUANTITY (USG)</u>	<u>8(A) RESERVATION</u> <u>QUANTITY (USG)</u>	<u>NON SET-ASIDE</u> <u>QUANTITY (USG)</u>
1,370,000	0	0	1,370,000
THE TOTAL ESTIMATED JP4 QUANTITY TO BE PURCHASED IS --			1,370,000
OFF SHORE			1,370,000

(2) Item 0403, PORT RICHARDSON (BRYANT): The quantity is decreased by 150,000 gallons to 350,000 gallons.

(3) Item 0404, PORT WAINWRIGHT: The quantity is decreased by 200,000 gallons to 800,000 gallons.

q. Page 26:

(1) JET B Requirement Totals are as follows:

<u>TOTAL</u> <u>QUANTITY (USG)</u>	<u>SET-ASIDE</u> <u>QUANTITY (USG)</u>	<u>8(A) RESERVATION</u> <u>QUANTITY (USG)</u>	<u>NON SET-ASIDE</u> <u>QUANTITY (USG)</u>
1,270,000	0	0	1,270,000
THE TOTAL ESTIMATED JAB QUANTITY TO BE PURCHASED IS --			1,270,000
OFF SHORE			1,270,000

(2) Item 0502, PORT RICHARDSON (BRYANT): The quantity is decreased by 150,000 gallons to 350,000 gallons.

(3) Item 0503, PORT WAINWRIGHT: The quantity is decreased by 200,000 gallons to 800,000 gallons.

r. Page 27:

(1) JP5 Requirement Totals are as follows:

<u>TOTAL</u> <u>QUANTITY (USG)</u>	<u>SET-ASIDE</u> <u>QUANTITY (USG)</u>	<u>8(A) RESERVATION</u> <u>QUANTITY (USG)</u>	<u>NON SET-ASIDE</u> <u>QUANTITY (USG)</u>
177,845,000	15,395,000	0	162,450,000
THE TOTAL ESTIMATED JP5 QUANTITY TO BE PURCHASED IS --			177,845,000
WEST COAST			157,000,000
OFF SHORE			20,845,000

(2) Item 0601, DFSP PT LOMA: The quantity is increased by 3,000,000 gallons to 90,300,000 gallons.

(3) Item 0602, DFSP PT LOMA: The quantity is increased by 3,000,000 gallons to 30,000,000 gallons.

s. Page 28:

(1) Item 0606, DFSP SAN PEDRO: The quantity is decreased by 100,000 gallons to 10,800,000 gallons.

(2) Item 0608, EDWARDS AFB: The quantity is decreased by 50,000 gallons to 150,000 gallons.

t. Page 29: Item 0612, PYRAMID SERVICES, INC - The quantity is decreased by 50,000 gallons to 150,000 gallons.

u. Page 31:

(1) Item 0701, DFSP PEARL HARBOR: The quantity is decreased by 4,200,000 gallons to 16,145,000 gallons.

(2) Item 0702, DFSP PEARL HARBOR: The quantity is increased by 1,000,000 gallons to 6,425,000 gallons.

(3) Item 0705, JOHNSON IS AFB: The quantity is decreased by 5,200,000 gallons to 2,000,000 gallons.

(4) Item 0706, KWAJALEIN MISSILE RANGE: The note "FOB TK WILL BE CONSIDERED" is deleted and replaced with "FOB DESTINATION TANKER OFFERS WILL BE CONSIDERED."

v. Page 32: Item 0708, CG SUPPORT CNTR: The quantity is increased by 200,000 gallons to 4,700,000 gallons.

w. Page 33:

(1) F76 Requirement Totals are revised as follows:

<u>TOTAL</u> <u>QUANTITY (USG)</u>	<u>SET-ASIDE</u> <u>QUANTITY (USG)</u>	<u>8(A) RESERVATION</u> <u>QUANTITY (USG)</u>	<u>NON SET-ASIDE</u> <u>QUANTITY (USG)</u>
183,410,000	95,553,200	0	87,856,800
THE TOTAL ESTIMATED F76 QUANTITY TO BE PURCHASED IS --			183,410,000
WEST COAST			128,900,000
OFF SHORE			54,510,000

(2) Item 0803, DFSP PUGET SOUND: The quantity is increased by 115,000 gallons to 34,065,000 gallons.

(3) Item 0804, DFSP PUGET SOUND: The quantity is increased by 115,000 gallons to 33,940,000 gallons. The SA quantity is increased by 66,700 gallons to 19,685,200 gallons.

x. Page 35:

(1) Item 0901, DFSP PEARL HARBOR: The quantity is increased by 445,000 gallons to 49,575,000 gallons.

(2) Item 0902, DFSP PEARL HARBOR: The quantity is increased by 445,000 gallons to 49,575,000 gallons.

3. CLAUSE REVISIONS:

a. Page 40: Delete Clause C16.09 TURBINE FUEL, AVIATION (JET A/A1/A50) (DESC AUG 2001).

b. Page 51: Add Clause E22 INSPECTION OFFICES FOR OVERSEAS PETROLEUM PRODUCT CONTRACTS (DESC JAN 2003) (copy attached).

c. Page 69: Delete Clause G96 ADMINISTRATION OF THE SMALL BUSINESS SUBCONTRACTING PROGRAM (DESC FEB 2002) and replace with the attached G96 ADMINISTRATION OF THE SMALL BUSINESS SUBCONTRACTING PLAN (APR 2003).

d. Page 77: Clause I1.05 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (NOV 2001) - Delete the "X" at reference 52.203-3 Gratuities.

e. Page 94: Clause L21.05 PROCEDURES FOR AWARDING FAILED 8(a) RESERVATIONS (BULK) (DESC APR 1993) - Change the 8(a) and Set-Aside quantities for YAKIMA FIRING CTR from "810,000" to "720,000."

f. Page 96: Clause M2.11 EVALUATION - COMMERCIAL ITEMS (JAN 1999), paragraph (a), fourth line, fourth word - Change "hole" to "whole."

g. ATTACHMENT OSP3 (Offer Submission Package): Delete STANDARDIZED FORMAT FOR USE IN THE PREPARATION OF PRODUCT TEST REPORTS (SEPTEMBER 2001) and replace with the attached STANDARDIZED FORMAT FOR USE IN THE PREPARATION OF PRODUCT TEST REPORTS (JUNE 2003).

**E22 LIST OF INSPECTION OFFICES FOR OVERSEAS PETROLEUM PRODUCT CONTRACTS
 (DESC JAN 2003)**

The following list shall be used to identify, by procurement location, the Government inspection office assigned inspection responsibility under DESC overseas contracts for petroleum products and additives. The area of inspection responsibility and identifying office code are assigned in paragraph (a). The address and phone number of each inspection office and its corresponding office code is provided in paragraph (b).

(a) AREA OF RESPONSIBILITY AND OFFICE CODE.

Afghanistan	400	Egypt	400	Malaysia	350 ¹	Somalia	400
Africa	200 ²	Eritrea	400	Maldives	350 ¹	South America	111
Antarctica	310	Ethiopia	400	Malta	200	Sri Lanka	350 ¹
Armenia	200	Europe (Continental)	200	Mauritius	200	Sudan	400
Ascension Island	111	Georgia	200	Mexico	111	Syria	200
Australia	350 ¹	Greenland	200	Mongolia	330	Taiwan	350 ¹
Azerbaijan	200	Hawaiian Islands	310	Myanmar	350 ¹	Tajikistan	400
Azores	200	Iceland	200	Nepal	350 ¹	Thailand	350 ¹
Bahrain	400	India	350 ¹	New Zealand	350 ¹	Turkey	200
Bangladesh	350 ¹	Indonesia	350 ¹	Oman	400	Turkmenistan	400
Bermuda	111	Ireland	200	Pacific Islands		United Arab	
Bhutan	350 ¹	Israel	200	(Central & South)	310	Emirates	400
Brunei	350 ¹	Japan	340	Pakistan	400	United Kingdom	200
Cambodia	350 ¹	Jordan	400	Papua New Guinea	310	Uzbekistan	400
Canada	120	Kazakhstan	400	Philippines	350 ¹	Vietnam	350 ¹
Canary Island	200	Kenya	400	Qatar	400	Yemen	400
Caribbean Islands	111	Korea	330	Ryukus Islands,			
Central America	111	Kuwait	400	Japan	340		
Chagos Archipelago	300	Kyrgyzstan	400	Russia	200		
Comoros	200	Laos	350 ¹	Saudi Arabia	400		
Cyprus	200	Lebanon	200	Seychelles Is.	400		
Djibouti	400	Madagascar	200	Singapore	350 ¹		

¹ A copy of all documentation related to the inspection of product shipments by DESC Singapore should also be sent to Code 300, DESC Pacific.

² Except for those countries specifically assigned to DESC Middle East in the above list, all other countries in Africa fall under DESC Europe.

(b) QUALITY ASSURANCE INSPECTION OFFICE AND CODE.

110. DESC Americas -- East
 Federal Building, Room 1005
 2320 LaBranch Street
 Houston, TX 77004-1091
 Phone: (713) 718-3883
 FAX: (713) 718-3891
111. DESC Homestead
 360 Coral Sea Blvd.
 Homestead AFB, FL 33039-1299
 Phone: (305) 258-7454/55/56
 FAX: (305) 258-7761

CLAUSE E22 (CONT'D)

- 120. DESC Americas -- West
3171 N Gaffey Street
San Pedro, CA 90731-1099
Phone: (310) 900-6960
FAX: (310) 900-6973

- 200. DESC Europe
ATTN: Quality Manager
CMR 443, Box 5000
APO AE 09096-5000
[Location: Wiesbaden, Germany]
Phone: 49-611-380-7710³
FAX: 49-611-380-7406³

- 300. DESC Pacific
ATTN: Quality Manager
Building 11
Camp H M Smith, HI 96861
Phone: (808) 477-1173
FAX: (808) 477-5710

- 310. DESC Middle Pacific
Building 11
Camp H M Smith, HI 96861
Phone: (808) 477-5441
FAX: (808) 477-5710

- 320. DESC Alaska
10480 22nd Street
Elmendorf AFB, AK 99506-2500
Phone: (907) 552-3949
FAX: (907) 753-0517

- 330. DESC Korea
Building T-383 (CP OSCAR)
APO AP 96218-0171
Phone: 82-53-470-5204³
FAX: 82-53-470-5103³

CLAUSE E22 (CONT'D)

340. DESC Japan
Yokota Building 714, Room 211/B-18
Unit 5266
APO AP 96328-5266
Phone: 81-311-755-2673³
FAX: 81-311-755-3598³

350. DESC Singapore
PSC 470, Box 2700
FPO AP 96534-2700
Phone: 65-287-7626³
FAX: 65-288-6540³

400. DESC Middle East
ATTN: Quality Manager
PSC 451, Box DESC-ME
FPO AP 09834-2800
[Location: Juffair, Bahrain]
Phone: 973-724-650³
FAX: 973-724-670³

³ Dial 011 before these numbers when calling from the U.S. When calling these numbers from outside the U.S., use the appropriate international long distance prefix for the country where the call originates.

(DESC 52.246-9F40)

G96 ADMINISTRATION OF THE SMALL BUSINESS SUBCONTRACTING PROGRAM (DESC APR 2003)

The SMALL BUSINESS SUBCONTRACTING PLAN clause contained in any contract awarded under this solicitation will be administered by the Small Business Office of the Defense Energy Support Center.

(DESC 52.242-9F15)

STANDARDIZED FORMAT FOR USE IN THE PREPARATION OF PRODUCT TEST REPORTS

GENERAL INSTRUCTIONS

June 2003

These instructions are designed for use as a guide in preparing/formatting test reports in a consistent manner. Computer generated or typed test reports are acceptable. A Standardized Test report format is provided at Figure I and includes all tests approved for all refined products. The Test Codes used in this standard report format will be incorporated into future Electronic Data Interchange (EDI) transmissions of test result data.

The ASTM Aviation Turbine Fuel Report Form found in ASTM Method D-1655 was used as a template for the expanded "generic" standard test report form for other refined products. The codes containing an alpha character indicate alternative methods used to measure a property or characteristic. A numeric change of "1" unit indicates one or more measurements, ratings or test conditions which can be reported for a particular method. All measurements are in metric units, except for the API gravity reported at 60°F.

The use of this code provides flexibility in adding or deleting test methods while not affecting the existing methods and thus eliminates the need for additional programming. For example, an ASTM method may have an equivalent ISO or other method. If the ASTM test method number is used as a reference, the ISO equivalent may be lost unless new programming is established to make it a choice. With the code, the equivalency will continue without any additional programming. Another example is adding a new test method for Freezing Point. There are currently 3 methods (300A-C) for measuring the characteristic of freezing point. The new method would be assigned the code "300D" and would be available immediately as an alternative method for determination of freezing point while retaining the old methods without having to renumber the whole list and change associated database programming.

Each test report should be tailored to include only those rows of information that are applicable to the specific product being tested and the methods used to evaluate each property. Select only those methods authorized by the product specification unless otherwise stated in the contract. The code used should be limited to the actual test method used for a particular analysis. If an analysis is performed which is not cited by the specification, report the result, units and method used at the bottom of the report. If a test code does not appear for a specification or contract approved method, contact the Defense Energy Support Center (DESC) at commercial (703) 767-8356.

DETAILED INSTRUCTIONS FOR THE STANDARD TEST REPORT FORMAT (FIGURE 1)

Item 1: This date is the tank approval date, which is usually the date the testing is completed or the report date.

Item 2B: The City should match the "Shipped From" city on the DD 250-series document.

Item 6A: Record the basic slate of crudes from which this product is derived.

Item 6B: Annotate the refining processes used in the production of this product (e.g., Atmospheric Distillation; Hydrogenation, Hydrocracking, etc)

Item 8: Report the quantity in US Gallons shipped from the above batch in the above tank under DESC Contract. This entry need not be completed if the same batch will be used for subsequent shipments. In this case, assure that the tank number, batch number and report date are on the DD-250-series documents for shipments made from this tank

Items 600-series: The JFTOT test, although done using one ASTM test method, can be performed at different temperatures. Also, results for separate JFTOT analysis performed at two different temperatures can be reported on the same report. If test results for only one temperature is being reported, use Item 600 A-C to report the temperature of the test and 601, 602 and 603 as appropriate to report the results. If a second temperature is being reported, use Item 604 to report the temperature of this second run and Items 605-607 to report the corresponding values for the second test.

Item 750: Use this item to report the result of the Water Separometer Index - Modified (WSIM) which is performed for product acceptance

Item 751: This code for this item describes what additives were present in the fuel sample tested for WSIM and for which the result was reported in Item 750. Each code value represents a combination of the five additives possible in jet fuel. The codes and corresponding combinations are found in Table A below.

Item 750X: This item is used to report the special hand blend of all additives which are required by the fuel specification, regardless of whether or not the additives are required by contract. These additives include anti-oxidant, corrosion inhibitor, fuel system icing inhibitor, static dissipater additive and, if permitted by contract, metal deactivator. The result for this special test is a report only and is used as a base line in determining if the time and/or place of additive injection affects fuel quality. This reporting requirement is in addition to other reporting requirements for WSIM.

Items 801, 811, 821, 831, and 841: These codes indicate when an additive was injected during the procurement process. It is a one-character field and is "S" if the additive was blended into the shipping tank, "I" if the additive was line injected, or blank if the additive was not injected at the refinery or terminal location.

Table A

<u>Code</u>	<u>Additives</u>								
01	Neat	07	AO/CI	13	CI/MDA	19	AO/CI/MDA	25	FSII/SDA/MDA
02	AO	08	AO/FSII	14	FSII/SDA	20	AO/FSII/MDA	26	AO/CI/FSII/SDA
03	CI	09	AO/SDA	15	FSII/MDA	21	AO/FSII/SDA	27	AO/FSII/SDA/MDA
04	FSII	10	AO/MDA	16	MDA/SDA	22	AO/SDA/MDA	28	CI/FSII/SDA/MDA
05	SDA	11	CI/FSII	17	AO/CI/FSII	23	CI/FSII/SDA	29	AO/CI/FSII/SDA/MDA
06	MDA	12	CI/SDA	18	AO/CI/SDA	24	CI/FSII/MDA		

FIGURE I - STANDARD TEST REPORT FORMAT

1 REPORT DATE: (MM/DD/YY) _____
 2A CONTRACTOR: _____
 2B REFINERY CITY: _____
 2C STATE/COUNTRY: _____
 3A CONTRACT NUMBER: (SPO600-YY-D-NNNN) _____
 3B CONTRACT LINE ITEM NUMBER: _____
 3C DESC ORDER NUMBER _____
 4A TANK NUMBER: _____
 4B BATCH NUMBER (In Tank): _____
 4C SAMPLE NUMBER: _____
 5 PRODUCT: _____
 6A CRUDE OIL SLATE: _____
 6B CRUDE PROCESSING TECHNIQUE: _____
 7 SHIPPED TO: _____
 8 QUANTITY FROM TANK SHIPPED TO DESC: _____ USG

APPEARANCE

Code	Method	Test	Unit	Code	Method	Test	Unit
010A	D-156	Saybolt Color	1-Color	021	D-4176	Haze Rating	Method
010B	D-6045	Saybolt Color (Spectro)	1-Color	030A	D-1500	ASTM Color	0.5-Color
020	D-4176	Visual appearance	Pass/Fail	030B	D-6045	ASTM Color (Spectro)	0.5-Color

COMPOSITION

Code	Method	Test	Unit	Code	Method	Test	Unit
100A	D-664	Total Acid Number – Potent	mg KOH/g	150E	D-3120	Trace Sulfur	ppm
100B	D-974	Acid Number - Color Titrat	mg KOH/g	150F	D-4294	Sulfur by X-Ray Flour	mass %
100C	D-3242	Acidity in Aviation Fuels	mg KOH/g	150G	D-5453	Sulfur by UV	ppm
100D	D-3339	Acid Number, Semi-Micro	mg KOH/g	160A	D-3343	Hydrogen Content	mass %
101	IP-182	Inorganic Acid Number	mg KOH/g	160B	D-3701	Hydrogen Content - NMR	mass %
102	FTM-5101	Neutrality	Method	160C	D-4808	Hydrogen Cont LoRes NMR	mass %
110A	D-1319	Aromatics	vol%	160D	D-5291	Hydrogen Cont – Instrument	mass%
110B	D-4420	Aromatics by GC	vol%	165	D-5184	Al plus Si (ISO 10478)	ppm
115	D-1319	Olefins	vol%	170A	D-3237	Lead in Gasoline by AA	g/L
120	D-1840	Naphthalene	vol%	170B	D-3341	Lead in Gasoline by ICl	g/L
125A	D-4420	Benzene	vol%	170C	D-5059	Lead in Gasoline by X-Ray	g/L
125B	D-3606	Benzene	vol%	180A	D-4815	Ethers and Alcohols by GC	mass %
130	D-3227	Mercaptan Sulfur	mass %	180B	D-5845	Ethers and Alcohols by IR	mass %
135	D-3231	Phosphorous	0.1 mg/L	190	D-3605	Trace Metals - Calcium	mg/L
140	D-4952	Doctor Test	Pos/Neg	191	D-3605	Trace Metals - Lead	mg/L
150A	D-129	Sulfur by Oxygen Bomb	mass %	192	D-3605	Trace Metals - Na & K	mg/L
150B	D-1266	Sulfur by Lamp	mass %	193A	D-3605	Trace Metals - Vanadium	mg/L
150C	D-1552	Sulfur - Furnace	mass %	193B	ISO14597	Trace Metals – Vanadium	mg/L
150D	D-2622	Sulfur by X-Ray Spec	mass %	195	D-3703	Peroxide Content	mg/kg

VOLATILITY

Code	Method	Test	Unit	Code	Method	Test	Unit
200A	D-86	Distillation by Auto/Manual		220D	D-3828	Flash Point - Seta, Method B	°C
200B	D-2887	Distillation by GC		220E	IP-170	Flash Point - Abel	°C
201		Initial Boiling Point	°C	221	D-3828	Flash Point - Seta (Flash/No F)	"F" or "N"
202		10% Recovered	°C	230A	D-1298	Density @ 15°C - Hydrom	kg/L
203		20% Recovered	°C	230B	D-4052	Density @ 15°C - Digital	kg/L
204		50% Recovered	°C	231A	D-1298	API Gravity @ 60°F	°API
205		85% Recovered	°C	231B	D-4052	API Gravity @ 60°F	°API
206		90% Recovered	°C	231C	D-287	API Gravity @ 60°F	°API
207		95% Recovered	°C	240A	D-323	RVP	kPa
208		Evaporated @ 70°C	vol%	240B	D-4953	Vapor Press - Dry Meth	kPa
209		Evaporated @ 100°C	vol%	240C	D-5190	Vapor Press - Automatic	kPa
210		Evaporated @ 180°C	vol%	240D	D-5191	Vapor Press - Mini Meth	kPa
211		Final Boiling Point	°C	240E	D-5482	Vapor Press - Mini -Atm	kPa
212		% Recovered	vol%	250A	D-2533	V/L Ratio - Buret	Unit@°C
213		% Residue	vol%	250B	D-5188	V/L Ratio - Evac Chamb	Unit@°C
214		% Loss	vol%	250C	D-4814	Estimated V/L Ratio	Unit@°C
215		% Residue + Loss	vol%	260	STANAG	7090 - Vapor Lock Index	
220A	D-56	Flash Point - Tag	°C				
220B	D-93	Flash Point - P/M	°C				
220C	D-3828	Flash Point - Seta, Method A	°C				

FLUIDITY

Code	Method	Test	Unit	Code	Method	Test	Unit
300A	D-2386	Freezing Point	°C	320D	D-5773	Cloud Point (Constant Cool)	°C
300B	D-5901	Freezing Point	°C	321A	IP-309	Cold Filter Plugging Point	°C
300C	D-5972	Freezing Point	°C	321B	D-6371	Cold Filter Plugging Point	°C
300D	D-4305	Freezing Point, Low Temps	°C	321C	D-6371(M)	Cold Filter Plugging Point	°C
310	D-445	Viscosity	cSt	330A	D-97	Pour Point	°C
311	D-445	Viscosity Temperature	°C	330B	D-5949	Pour Point - Pulsing Method	°C
320A	D-2500	Cloud Point	°C	340	D-6079	Lubricity (Wear Scar)	0.01 mm
320B	D-5771	Cloud Point (Optical)	°C				
320C	D-5772	Cloud Point (Linear Cool)	°C				

COMBUSTION

Code	Method	Test	Unit	Code	Method	Test	Unit
400A	D-240	Net Heat by Bomb	MJ/kg	410	D-1740	Luminometer Number	Unit
400B	D-1405	Net Heat (Anal-Grav(°F),S)	MJ/kg	420	D-1322	Smoke Point	mm
400C	D-3338	Net Heat (Aromat,API,Dist,S)	MJ/kg	430	D-482	Ash Content	mass %
400D	D-4529	Net Heat (Dens-Anal(°C),S)	MJ/kg	440A	D-189	Conradson Carbon Res	mass %
400E	D-4809	Net Heat by Bomb-Precision	MJ/kg	440B	D-524	Ramsbottom Carbon Res	mass %
400F	D-4868	Net and Gross Heat	MJ/kg	440C	D-4530	Carbon Residue - Micro	mass %
400G	D-6446	Net Heat of Aviation Fuels	MJ/kg				
400H	D-2382	Net Heat by Bomb - Precision	MJ/kg				

CORROSION

Code	Method	Test	Unit
500	D-130	Copper Strip Corrosion	Method

Code	Method	Test	Unit
510	IP-227	Silver Strip Corrosion	Method

STABILITY

Code	Method	Test	Unit
600A	D-3241	JFTOT @ 275°C	
600B	D-3241	JFTOT @ 260°C	
600C	D-3241	JFTOT @ 245°C	
601	D-3241	Pressure Change	mm Hg
602	D-3241	Visual Rating	Method
603	D-3241	Spun Rating	Method
604	D-3241	Other JFTOT Temperature	°C
605	D-3241	Pressure Change @ Other Temp	mm Hg
606	D-3241	Visual Rating @ Other Temp	Method
607	D-3241	Spun Rating @ Other Temp	Method

Code	Method	Test	Unit
608	D-3241	Serial Number for 600A Tube	
609	D-3241	Serial Number for 604 Tube	
610A	D-525	Ox Stability -Gasoline	minute
610C	D-873	Ox Stability - Aviation Fuels	mg/100mL
620A	D-2274	Accelerated Stability	mg/100mL
620B	D-5304	Accelerated Stab - O ₂ Opres	mg/100mL
620C	ISO10307	Tot Sed in Residual Fuels	%mass

CONTAMINANTS

Code	Method	Test	Unit
700	IP-225	Copper Content	ppb
710	D-381	Existent Gum	mg/100mL
711	D-381	Washed Gum	mg/100mL
720A	D-2276	Particulate Cont	mg/L
720B	D-5452	Particulate Cont	mg/L
720D	D-6217	Particulate Cont - Middle Dist	mg/L
730	Annex	Filtration Time	minutes
740	D-1094	Water Reaction - Interface	Method
741	D-1094	Water Reaction - Separation	Method
742	D-1094	Water Reaction - Vol Chng	Method
750	D-3948	WSIM	Method
751		Additives Present (See Note)	(List A)
750X	D-3948	WSIM - Special (See Note)	Method

Code	Method	Test	Unit
760	D-4814	Phase Separation (Haze)	°C
761	D-4814	Phase Separation (Sep)	°C
770	D-1401	Demulsification @ 25°C	minutes
780A	D-1796	Water & Sed	vol%
780B	D-2709	Water & Sed	vol%
781A	D-95	Water by Distillation	vol%
781B	D-6304	Water by Karl Fischer	mg/kg
782	D-473	Sediment by Extraction	mass %
795	SW-846	EPA Metals - As	Method
796	SW-846	EPA Metals - Cd	Method
797	SW-846	EPA Metals - Cr	Method
798	SW-846	EPA Metals - Pb	Method
799	SW-846	Total Halogens	Method

ADDITIVES

<u>Code</u>	<u>Method</u>	<u>Test/Additive</u>	<u>Unit</u>	<u>Code</u>	<u>Method</u>	<u>Test/Additive</u>	<u>Unit</u>
800A	Antioxidant	Topanol A	mg/L	830C	FSII (FTM-5340)		vol%
800B	Antioxidant	HITEC 4733	mg/L	830D	FSII (FTM-5340) - EGME		vol%
800C	Antioxidant	AN 733	mg/L	830E	FSII - Calculated		vol%
800D	Antioxidant	AO-31	mg/L	831	Additive Injection Point		(Note)
800E	Antioxidant	AO-30	mg/L	840A	Corr Inhibitor	PRI-19	mg/L
800F	Antioxidant	AO-29	mg/L	840B	Corr Inhibitor	DCI-4A	mg/L
800G	Antioxidant	Nalco EC5208A	mg/L	840C	Corr Inhibitor	DCI-6A	mg/L
800H	Antioxidant	TOLAD 3915	mg/L	840D	Corr Inhibitor	HITEC 580	mg/L
800I	Antioxidant	TOLAD 3920	mg/L	840E	Corr Inhibitor	Petrolite NC-351	mg/L
800J	Antioxidant	TOPANOL AN	mg/L	840F	Corr Inhibitor	NALCO 5403	mg/L
800K	Antioxidant	CHIMIC 4327	mg/L	840G	Corr Inhibitor	TOLAD 3220	mg/L
800L	Antioxidant	AO-37	mg/L	840H	Corr Inhibitor	UNICOR J	mg/L
800M	Antioxidant	BETZ BQ203	mg/L	840I	Corr Inhibitor	IPC-4410	mg/L
800N	Antioxidant	Chemlink No 4650	mg/L	840J	Corr Inhibitor	IPC-4445	mg/L
800O	Antioxidant	Petroxylin E219	mg/L	840K	Corr Inhibitor	MOBILAD F800	mg/L
800P	Antioxidant	Kerobit TP-26	mg/L	840L	Corr Inhibitor	NALCO 5405	mg/L
800Q	Antioxidant	Pet411K	mg/L	840M	Corr Inhibitor	NUCHEM PCI-105	mg/L
800R	Antioxidant	ISONOX 133	mg/L	840N	Corr Inhibitor	TOLAD 249	mg/L
800S	Antioxidant	AO-37B	mg/L	840O	Corr Inhibitor	WELCHEM 91120	mg/L
800T	Antioxidant	ISONOX 75	mg/L	840P	Corr Inhibitor	SPEC-AID 8021	mg/L
800U	Antioxidant	HITEC 4775	mg/L	840Q	Corr Inhibitor	RPS-613	mg/L
800V	Antioxidant	BETZ 8Q2065	mg/L	840R	Corr Inhibitor	SPEC AID 8Q22	mg/L
800W	Antioxidant	BHT	mg/L	840S	Corr Inhibitor	TOLAD 4410	mg/L
800X	Antioxidant	HITEC 4778	mg/L	841	Additive Injection Point		(Note)
800Y	Antioxidant	Octel 37/70	mg/L	850	Thermal Stability Additive		mg/L
801	Additive Injection Point		(Note)	851	Additive Injection Point		(Note)
810A	Metal Deactivator (DMD)		mg/L	860	Diesel Fuel Stabilizer Additive		mg/L
810B	Metal Deactivator (DMD-2)		mg/L	861	Additive Injection Point		(Note)
811	Additive Injection Point		(Note)	870	Ignition Improver		mg/L
820	Conductivity Improver		mg/L	871	Additive Injection Point		(Note)
821	Additive Injection Point		(Note)				
830A	FSII (D-5006)		vol%				
830B	FSII (FTM-5327)		vol%				

OTHER TESTS

<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>	<u>Code</u>	<u>Method</u>	<u>Test</u>	<u>Unit</u>
900	D-2624	Conductivity	pS/m	920A	D-2699	Research Octane Number	Method
901	D-2624	Temperature at Measurement	°C	920B	D-2885	Research Octane Number	Method
910A	D-976	Calc Cetane Index - 2 Var	Method	921A	D-2700	Motor Octane Number	Method
910B	D-4737	Calc Cetane Index - 4 Var	Method	921B	D-2885	Motor Octane Number	Method
911	D-613	Cetane Number	Method	930	D-611	Aniline Point	°C
				940	D-4814	Water Tolerance	°C